



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,501	12/11/2001	Kerry Champion	STELP001	6519
22434	7590	08/05/2005	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 70250 OAKLAND, CA 94612-0250			MIRZA, ADNAN M	
			ART UNIT	PAPER NUMBER
			2145	

DATE MAILED: 08/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/015,501

**Applicant(s)**

CHAMPION, KERRY

**Examiner**

Adnan M. Mirza

**Art Unit**

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-57 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-57 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>09/25/2003</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gourraud (200200226473) and further in view of Arteaga et al (U.S. 2002/0161826).

As per claims 1,17,33,41-42,53-54,56-57 Gourraud disclosed traffic manager for facilitating communication between a client node and a server node in a distributed computing environment, the server node having a first interface associated therewith (Page. 5, Paragraph. 0054), the traffic manager comprising a central processing unit which is operable to: communicate with the server node via the first interface, generate and publish at least a second interface corresponding to the first interface according to at least one policy (Page. 4, Paragraph 0042).

However Gourraud did not disclose in detail communicate with the client node via the second interface, thereby allowing the client node to access at least one service on the server node in accordance with the at least one policy.

In the same field of endeavor Arteaga disclosed, If synchronous/online, a synchronous object is created from abSOAP.dll at step 1606. A SOAP Envelop is created from the object and sent as

Art Unit: 2145

request to remote server at step 1608. At step 1610 a response is accessed the remote client application from the object (Page. 8, Paragraph. 0116).

It would have been obvious to one ordinary skill in the art at the time of the invention was made to have incorporated If synchronous/online, a synchronous object is created from abSOAP.dll at step 1606. A SOAP Envelop is created from the object and sent as request to remote server at step 1608. At step 1610 a response is accessed the remote client application from the object as taught by Arteaga in the method of Gourraud to provide a practical way for user communication devices to carry out real-time transactions and communications on such devices and processing of such transactions with a remote source such as an enterprise network server.

3. As per claims 2,18,34,43,55 Gourraud-Arteaga disclosed wherein the first and second interfaces comprises Simple Object Access Protocol (SOAP) interfaces (Arteaga, Page. 6, Paragraph. 0092).

4. As per claims 3,19 Gourraud-Arteaga disclosed wherein the SOAP interfaces employ Extensible Markup Language (XML) (Arteaga, Page. 6, Paragraph. 0092).

5. As per claims 4,20,35 Gourraud-Arteaga disclosed wherein each of the first and second interfaces has a description language file associated therewith defining the associated interface (Gourraud, Page. 8, Paragraph. 0076).

Art Unit: 2145

6. As per claims 5,21,36 Gourraud-Arteaga disclosed wherein the first interface corresponds to one of HTTP, TCP, HTTPS, HTTPR, and MQ (Gourraud, Page. 7, Paragraph. 0071).

7. As per claims 6,22 Gourraud-Arteaga disclosed wherein the distributed computing environment includes a network corresponding to a single enterprise including the server node, and wherein the client node is external to the network (Gourraud, Page. 7, Paragraph. 0071).

8. As per claims 7,23 Gourraud-Arteaga disclosed wherein the distributed computing environment includes a network corresponding to a single enterprise and including both the client and server nodes (Gourraud, Page. 7, Paragraph. 0066).

9. As per claims 8,24,40,44 Gourraud-Arteaga disclosed wherein the at least one policy includes requiring authorization by a human operator for invocation of the at least one service (Arteaga, Page. 7, Paragraph. 0107).

10. As per claims 9,25,41,45 Gourraud-Arteaga disclosed wherein the at least one policy includes 5 mapping an organizational role to a person (Arteaga, Page. 8, Paragraph. 0114).

11. As per claims 10,26,46 Gourraud-Arteaga disclosed wherein the mapping of the organizational role to the person is done using an LDAP directory associated with the distributed computing environment (Arteaga, Page. 4, Paragraph. 0060).

Art Unit: 2145

12. As per claims 11,27,37,47 Gourraud-Arteaga disclosed wherein the at least one policy is a security policy (Arteaga, Page. 7, Paragraph. 0107).

13. As per claims 12,28,48 Gourraud-Arteaga disclosed wherein the security policy is associated with encryption or decryption of at least a portion of data which is exchanged between the client and the server (Arteaga, Page. 7, Paragraph. 0107).

14. As per claims 13,29,49 Gourraud-Arteaga disclosed wherein the security policy is associated with generating or verifying at least one digital signature for at least one portion of data which is exchanged between the client and the server (Arteaga, Page. 7, Paragraph. 0107).

15. As per claims 14,30,38,50 Gourraud-Arteaga disclosed wherein the security policy is associated with protection against service attacks (Arteaga, Page. 7, Paragraph. 0107).

16. As per claims 15,31,39,51 Gourraud-Arteaga disclosed wherein the at least one policy is associated with enforcing policies with respect to publication or access to the first or second interfaces (Arteaga, Page. 7, Paragraph. 0107).

17. As per claims 16,32,40,52 Gourraud-Arteaga disclosed wherein the at least one policy is associated with review of data communicated between the server and client nodes (Gourraud, Page. 5, Paragraph. 0043).

*Conclusion*

18. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

19. The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia Martin Wallace can be reached on (571)- 272-6159. The fax for this group is (703)-746-7239.

20. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");

(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"),

(703)-746-7238 (For After Final Communications).

21. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

Art Unit: 2145

BOX AF

Commissioner of Patents and Trademarks Washington, D.C.20231


Or faxed to:

Hand-delivered responses should be brought to 4<sup>th</sup> Floor Receptionist, Crystal Park II,  
2021 Crystal Drive, Arlington, VA 22202.



Adnan Mirza

Examiner



PATRICE WINDER  
PRIMARY EXAMINER